

# CLASSIC SERIES | TUFF™

## RECOMMENDED STRAIGHT DRILL PROTOCOL

Drill Diameter [mm]		Ø1.9	Ø2.0	Ø2.8	Ø3.2	Ø3.65	Ø4.2	Ø5.2	ØCS 5-6				
Drill Speed [RPM]		1200-1500	900-1200	800-1000	500-700	400-700	400-600	400-600	400-600				
IMPLANT DIAMETER	Ø3.3	Soft Bone	▼	→	▼								
		Hard Bone	▼	→	▼	→	▼	→	1/3 ▼				
	Ø3.75	Soft Bone	▼	→	▼	→	▼						
		Hard Bone	▼	→	▼	→	▼	→	2/3 ▼				
	Ø4.2	Soft Bone	▼	→	▼	→	▼	→	2/3 ▼				
		Hard Bone	▼	→	▼	→	▼	→	1/3 ▼				
	Ø5.0	Soft Bone	▼	→	▼	→	▼	→	▼	→	1/3 ▼		
		Hard Bone	▼	→	▼	→	▼	→	▼	→	1/3 ▼	→	Ø5 ▼
	Ø6.0	Soft Bone	▼	→	▼	→	▼	→	▼	→	▼	→	1/3 ▼
		Hard Bone	▼	→	▼	→	▼	→	▼	→	▼	→	▼

## RECOMMENDED STEP DRILL PROTOCOL

Drill Diameter [mm]		Ø1.9	Ø2.0	Ø2.8	Ø3.2	Ø3.65	Ø4.2	Ø5.2	ØCS 5-6				
Drill Speed [RPM]		1200-1500	900-1200	800-1000	500-700	400-700	400-600	400-600	400-600				
IMPLANT DIAMETER	Ø3.3	Soft Bone	▼	→	▼								
		Hard Bone	▼	→	▼	→	▼	→	2/3 ▼				
	Ø3.75	Soft Bone	▼	→	▼	→	▼						
		Hard Bone	▼	→	▼	→	▼	→	▼				
	Ø4.2	Soft Bone	▼	→	▼	→	▼	→	▼				
		Hard Bone	▼	→	▼	→	▼	→	2/3 ▼				
	Ø5.0	Soft Bone	▼	→	▼	→	▼	→	▼	→	2/3 ▼		
		Hard Bone	▼	→	▼	→	▼	→	▼	→	2/3 ▼	→	Ø5 ▼
	Ø6.0	Soft Bone	▼	→	▼	→	▼	→	▼	→	▼	→	2/3 ▼
		Hard Bone	▼	→	▼	→	▼	→	▼	→	▼	→	▼

	Drill to mark osteotomy site		Drill osteotomy to implant		Drill osteotomy partially according to implant		Drill with countersink to prepare the crest
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The recommended drill protocol procedure should not replace the dentist's/surgeon's judgment. The implants may be loaded for immediate function when good primary stability (above 35 Ncm) has been achieved and with appropriate occlusal loading.